

From: Michael Eller/R3/USEPA/US
Sent: 1/31/2012 2:21:56 PM
To: Robert Helverson/R3/USEPA/US@EPA
CC: KarenD Johnson/R3/USEPA/US@EPA
Subject: Re: USGS article cited in news article

Yes, I have been doing a lot of research into background concentrations of metals in Susquehanna County soils and ground water. I've focused on arsenic, but also gathered what data I can find on manganese and barium along the way because they were among the 7 contaminants HSCD listed they are concerned about. I've read 13-14 papers and I am currently summarizing their findings on arsenic in a table and will share with you when I'm done. If you have any questions, please call.

Respectfully,

Mike Eller
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From: Robert Helverson/R3/USEPA/US
To: KarenD Johnson/R3/USEPA/US@EPA, Michael Eller/R3/USEPA/US@EPA
Date: 01/31/2012 01:32 PM
Subject: Re: USGS article cited in news article

Thank you Karen.

Mike,
Any chance you can load that up on the WPD shared drive so I can download it? Sounds like it is just arsenic?

Karen mentioned that you have been putting together a background concentration summary table for Dimock. Is this for the specific formation or just general groundwater numbers? The Dimock wells are apparently from a number of different depths and possibly access different formations. I was planning on placing background data in our health consultation for reference, so would really like to take advantage of all of your research and not duplicate efforts (and be consistent w EPA). When you finish that, could you provide me with the table and references?

Will stop up soon to speak with you, but swamped lately.

Thanks,

Bob
X3139

----- Original Message -----

From: KarenD Johnson
Sent: 01/31/2012 01:16 PM EST
To: Michael Eller
Cc: Robert Helverson
Subject: Re: USGS article cited in news article

Outstanding! Rob Helverson from ATSDR will probably be coming up to pick your brain about what you've learned about background, so they don't have to duplicate the effort!

Karen D. Johnson, Chief
Ground Water & Enforcement Branch

From: Michael Eller/R3/USEPA/US
To: KarenD Johnson/R3/USEPA/US@EPA
Date: 01/31/2012 11:38 AM
Subject: USGS article cited in news article

Hi Karen,

I found the 2006 USGS paper cited by Cabot in yesterday's news article (published in 2007 but given a 2006 date). I've actually read this one already and I have notes on it.

[attachment "Reconnaissance of Arsenic Concentrations in Groundwater from Bedrock and Unconsolidated Aquifers in Eight Northern Tier Counties of Pennsylvania.pdf" deleted by KarenD Johnson/R3/USEPA/US]

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